



user manual

dishwasher

ESI 68050

We were thinking of you
when we made this product

Welcome to the world of Electrolux

You've chosen a first class product from Electrolux, which hopefully will provide you with lots of pleasure in the future. Electrolux ambition is to offer a wide variety of quality products that make your life more comfortable. You can look at some examples on the cover in this manual. But now it's time to study this manual and start using and enjoying the benefits from your new machine. We promise that it'll make your life a little easier. Good luck!

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The following symbols are used in this manual:



Important information concerning your personal safety and information on how to avoid damaging the appliance.



General information and tips



Environmental information

Safety information



In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

Correct use

- This dishwasher is only intended for washing household utensils suitable for machine washing.
- Do not put any solvents in the dishwasher. This could cause an explosion.
- Knives and other items with sharp points must be loaded in the cutlery basket with their points down or placed in a horizontal position in the upper basket.
- Only use products (detergent, salt and rinse aid) suitable for dishwashers.
- Avoid opening the door whilst the appliance is in operation, hot steam may escape.
- Do not take any dishes out of the dishwasher before the end of the dishwashing cycle.
- After use, isolate the appliance from the power supply and turn off the water supply.
- This product should be serviced only by an authorised service engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons will cause injury or serious malfunctioning. Contact your local Service Force Centre. Always insist on genuine spare parts.

General safety

- Dishwasher detergents can cause chemical burns to eyes, mouth and throat. Could endanger life! Comply with the safety instructions of the dishwasher detergent manufacturer.
- The water in your dishwasher is not for drinking. Detergent residues may still be present in your machine.
- Ensure that the door of the dishwasher is always closed when it is not being loaded or unloaded. In this way you will avoid anybody tripping over the open door and hurting themselves.
- Do not sit or stand on the open door.

Child safety

- This appliance is designed to be operated by adults. Do not allow children to use the dishwasher unsupervised.
- Keep all packaging well away from children. There is risk of suffocation.
- Keep all detergents in a safe place out of children's reach.
- Keep children well away from the dishwasher when the door is open.

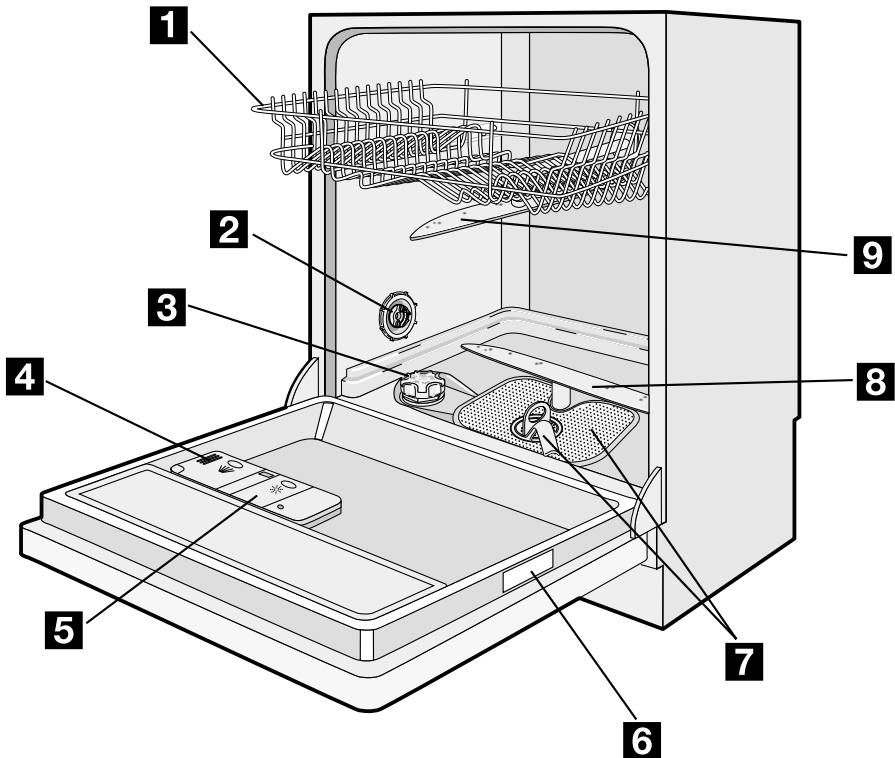


For electrical and water connection carefully follow the instructions given in specific paragraphs.

Installation

- Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged contact your supplier.
- All packaging must be removed before use.
- Any electrical and plumbing work required to install this appliance must be carried out by a qualified and competent person.
- For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way.
- Never use the dishwasher if the electrical supply cable and water hoses are damaged; or if the control panel, work top or plinth area are damaged such that the inside of the appliance is freely accessible. Contact your local Service Force centre, in order to avoid hazard.
- All sides of the dishwasher must never be drilled to prevent damage to hydraulic and electric components.

Product description



- 1** Upper basket
- 2** Water hardness dial
- 3** Salt container
- 4** Detergent dispenser
- 5** Rinse aid dispenser
- 6** Rating plate
- 7** Filters
- 8** Lower spray arm
- 9** Upper spray arm

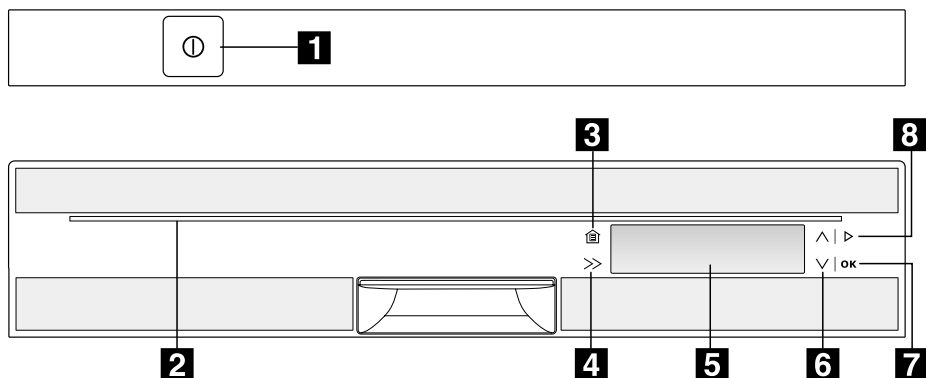


This dishwasher has an internal light that turns on and off when the opening and closing of the dishwasher's door occurs.

Internal light equipped with led lamp CLASS 1 in accordance with EN 60825-1: 1994 + A1:2002 + A2:2001

In case that this light has to be replaced, please contact your local Service Force Centre.

Control panel



1 On/Off button

2 Light bar

3 «Home» button

4 «Display» scrolling button

5 Display

6 «Up and down» scrolling buttons

7 «OK» button

8 «Start» button



A sequence of displayed messages and audible signals will guide you in the setting up of the appliance and the selection of washing programmes and available options.

First use of the appliance:

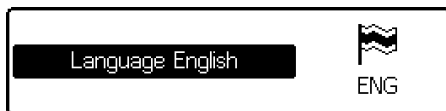
- Press the On/Off button: the «light bar» illuminates.
- Follow the instructions displayed to set the desired language (default set language: English) and time.

Push \wedge and \vee to select language and **OK** to confirm

The following message is displayed:

(Press one of the «up and down» scrolling buttons to select the language and then **OK** to confirm the selection).

When the displayed message **ENG** flashes it is possible to select the language by pressing one of the «up and down» scrolling buttons.



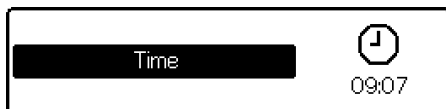
Press **OK** to confirm. The following displayed message appears:

Push **OK** to confirm English, \wedge or \vee to change selection

Subsequently.

Push \wedge and \vee to set time and **OK** to confirm

Once the highlighted time flashes it is possible to set the right time.

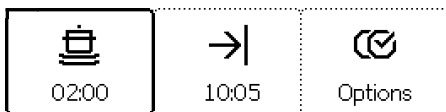


Press **OK** to confirm.

Once the time has been set, the display will appear divided in 3 areas:

- **menu programmes**
- **time**
- **menu options**

- press the «display» scrolling button: the selected area is displayed with a highlighted frame

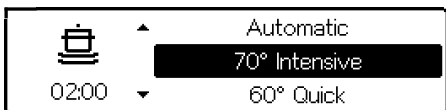


- press one of the «up and down» scrolling buttons to display the available menu.

«Menu programmes» area

Symbol and duration of the washing programme are displayed.

- Press one of the «up and down» scrolling buttons: the displayed area enlarges and shows the list of available washing programmes, the corresponding symbol and the duration.



Press **OK** button or wait a few seconds to store the setting.

The display will again show the 3 divided areas.

In the **menu programmes** area is displayed the set programme and duration.

In the **time** area is displayed the ending time of the programme (= time + programme duration).

«Time» area



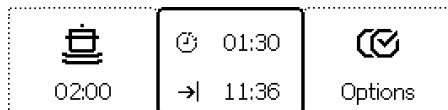
Allows you to delay the start of the programme up to 19 hours.

Press «**display**» scrolling button to select the area.

Press one of the «**up and down**» scrolling buttons to modify the end of programme time:

- In the upper part of the area the set delay start of the programme is highlighted.
- In the lower part of the area the end of programme time is updated.

Press **OK** button or wait a few seconds to store the setting.



«Menu options» area

Press the «**display**» scrolling button to select the area.

Press one of the «**up and down**» scrolling buttons to see the list of the available options (the selected option is highlighted).

This area offers:

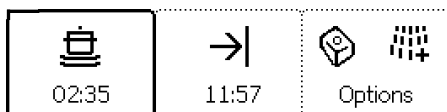
Menu options	Submenu
Extra rinse Adds another rinse phase. See "Washing programmes" chart	
3-in-1 Option for the use of 3 in 1 combi detergents. The option remains active until it is deactivated	







Press **OK** to change the setting.

Press one of the «**up and down**» scrolling buttons to go to another option.

Press the «**Home**» button or wait a few seconds to come out from the main menu.

Once selected, the options will remain displayed as shown in the example below.



Option menu	Submenu	Notes
Washing guide 	Programme guide 	provides information about the programmes
	Option guide 	provides information about the options
	Demo mode 	This is a short demonstration concerning the use of the controls of the appliance. Demo mode active: 
	Back 	allows to return to the options

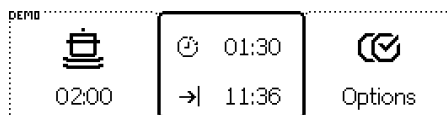
- Press **OK** to enter in submenu.
- Press one of the «**up and down**» scrolling buttons to display the list.
- Press again **OK** to select the submenu.

For «Programme guide» and «Option guide»:

- Press one of the «**up and down**» scrolling buttons to look through the information.
- Press **OK**.
- Select **Back** and press **OK** to return to the Option menu.
- Press «**Home**» button or wait a few seconds to come out from the option menu.

For «Demo mode»:

- **By default the Demo mode is not active:** press **OK** to activate it. The display will appear divided in 3 areas and in the upper left-hand corner appears the message **DEMO**.

















It is now possible, using the buttons, to simulate the different selections and settings available and to start a washing programme simulation.



To return to the normal condition of the appliance it is necessary to deactivate the "Demo mode".



Option menu	Submenu	Notes
Setting 	Language (*) 	allows you to select the language in which the messages are displayed
	Sound volume (*) 	5 levels available: level 0 = volume deactivated. 
	Time (*) 	allows you to set the time
	Brightness (*) 	10 levels available
	Contrast (*) 	10 levels available
	Reset settings 	Resets to the factory settings
	Water hardness (*) 	Allows you to set the water softener according to the hardness of the water (10 levels available)
	Rinse aid 	Available only with the "3 in 1" option active. Allows you to reactivate the rinse aid dosage. 
	Key lock 	Allows you to lock the use of the buttons to avoid an incorrect use of the controls 
	Back 	press OK to return to the options

- Scroll the option menu until **Settings** appears.
- Press **OK**.
- Scroll the submenu until the desired option appears.

For submenu indicated with (*):

- Press **OK**: the current setting flashes indicating that it can be modified.
- Repeatedly press one of the «**up and down**» scrolling buttons to select the new setting.
- Press **OK** or wait a few seconds to store the setting.

Key lock:

With this function active. after 15 seconds from the last selection, the buttons are locked and will not accept any kind of controls.



It is possible to temporarily deactivate the function: press any button, the following message is displayed.



Key lock is active. You can deactivate it by pressing any key for 5 seconds.

After 15 seconds the function will be activated again.

To deactivate the key lock function: go to menu options and change the setting.



First use

Before using your dishwasher for the first time:

- Ensure that the electrical and water connections comply with the installation instructions
- Remove all packaging from inside the appliance
- Set the water softener
- Pour 1 litre of water inside the salt container and then fill with dishwasher salt
- Fill the rinse aid dispenser



If you want to use combi detergent tablets such as: "3 in 1", "4 in 1", "5 in 1" etc... set the 3 in 1 function (see "3 in 1 function").

Set the water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.

The higher the content of these minerals and salts, the harder your water is.

Water hardness is measured in equivalent scales, Clarke degrees, French degrees (°TH) and mmol/l (millimol per litre - international unit for the hardness of water).

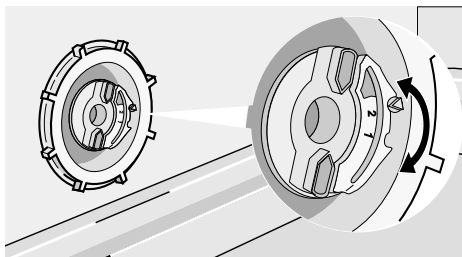
The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

The water softener must be set in two ways: manually, using the water hardness dial and electronically, using one of the «**up and down**» scrolling buttons on the control panel

Setting manually

The dishwasher is factory set at position 2.

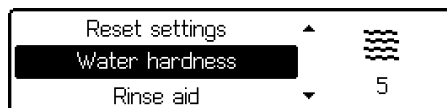
1. Open the dishwasher door.
2. Remove the lower basket from the dishwasher.
3. Turn the water hardness dial to position 1 or 2 (see table).
4. Replace the lower basket.



Setting electronically

The dishwasher is factory set at level 5.

Menu Options → Settings → Water hardness



With the help of the chart below, set the level of the water softener according to the hardness of the water in your area.

Water hardness			Adjusting the water hardness setting		Use of salt
Clarke	°TH	mmol/l	manually	electronically	
64 - 88	91 - 125	9.0 - 12.5	2	level 10	yes
53 - 63	76 - 90	7.6 - 8.9	2	level 9	yes
46 - 52	65 - 75	6.5 - 7.5	2	level 8	yes
36 - 45	51 - 64	5.1 - 6.4	2	level 7	yes
28 - 35	40 - 50	4.0 - 5.0	2	level 6	yes
23 - 27	33 - 39	3.3 - 3.9	2	level 5	yes
18 - 22	26 - 32	2.6 - 3.2	1	level 4	yes
13 - 17	19 - 25	1.9 - 2.5	1	level 3	yes
5 - 12	7 - 18	0.7 - 1.8	1	level 2	yes
< 5	< 7	< 0.7	1	level 1	no *

* no salt is necessary

Filling with dishwasher salt



Only use salt specifically designed for use in dishwashers.

All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener.

Only fill with salt just before starting one of the complete washing programmes.

This will prevent any grains of salt or salty water, which may have been spilt, remaining on the bottom of the machine for any period of time, which may cause corrosion.

To fill:

1. Open the door, remove the lower basket and unscrew the cap of the salt container by turning it anticlockwise.
2. Pour 1 litre of water inside the container (**this is necessary only before filling with salt for the first time**).
3. Using the funnel provided, pour in the salt until the container is full.



4. Replace the cap making sure that there is no trace of salt on the screw thread or on the gasket.
5. Replace the cap tightly turning it clockwise until it stops with a click.



Do not worry if water overflows from the unit when filling with salt, this is quite normal.

The salt container will require topping up periodically. You are reminded of this by a displayed message.



Remember to put salt in the special container

This occurs only at the start and at the end of the washing programme; during the running of the programme the indication for salt refilling is not active.



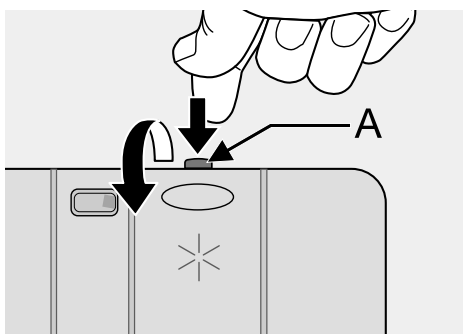
The refilling salt message can remain visible for 2-6 hours after the salt has been replenished, assuming the dishwasher remains switched on. If you are using salts that take longer to dissolve then this can take longer. The function of the machine is not affected.

Filling with rinse aid

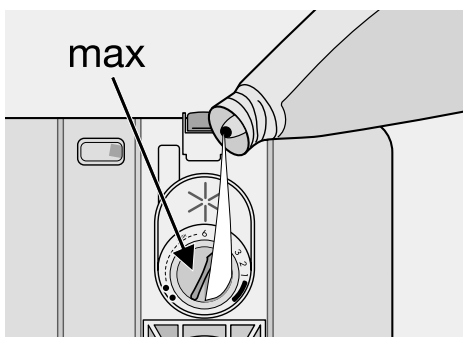
Rinse aid ensures thorough rinsing, and spot and streak free drying.

Rinse aid is automatically added during the last rinse.

1. Open the container by pressing the release button (A).

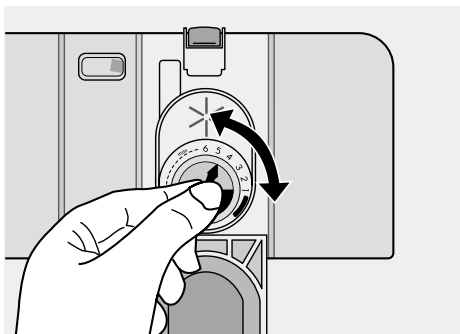


2. Add the rinse aid in the container. The maximum level for filling is indicated by "max".



The dispenser holds about 110 ml of rinse aid, which is sufficient for between 16 and 40 dishwashing cycles, depending upon the dosage setting.

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (position 1 minimum dosage, position 6 maximum dosage).



The dose is factory set in position 4.

Increase the dose if there are drops of water or lime spots on the dishes after washing.

Reduce it if there are sticky whitish streaks on the dishes or a bluish film on glassware or knife blades.

3. Ensure that the lid is closed after every refill.

The rinse aid container will require topping up periodically. You are reminded of this by a displayed message.



Remember to put rinse aid in the special container

This occurs only at the start and at the end of the washing programme; during the running of the programme the indication for rinse aid refilling is not active.



Clean up any rinse aid spilt during filling with an absorbent cloth to avoid excess foaming during the next wash.

Only use branded rinse aid for dishwashers.

Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This would damage the appliance.

Daily use

- Check if it's necessary to refill with dishwasher salt or rinse aid
- Load cutlery and dishes into the dishwasher.
- Fill with dishwasher detergent .
- Select a wash programme suitable for the cutlery and dishes.
- Start the wash programme.
- Lay small objects in the cutlery basket.
- Plastic items and pans with non stick coatings have a tendency to retain water drops; these items will not dry as well as porcelain and steel items.
- Light items (plastic bowls etc.) must be loaded in the upper basket and arranged so they do not move.

Loading cutlery and dishes

Sponges, household cloths and any object that can absorb water may not be washed in the dishwasher.

- Before loading the dishes, you should:
 - Remove all left over food and debris.
 - Soften remnants of burnt food in pans
- When loading the dishes and cutlery, please note:
 - Dishes and cutlery must not impede the rotation of the spray arms .
 - Load hollow items such as cups, glasses, pans, etc. with the opening downwards so that water cannot collect in the container or a deep base.
 - Dishes and items of cutlery must not lie inside one another, or cover each other.
 - To avoid damage to glasses, they must not touch.

For washing in the dishwasher the following cutlery and dishes

are not suitable:

- Cutlery with wooden, horn, china or mother-of-pearls handles.
- Plastic items that are not heat resistant.
- Older cutlery with glued parts that are not temperature resistant.
- Bonded cutlery items or dishes.
- Pewter or copper items.
- Lead crystal glass.
- Steel items prone to rusting.
- Wooden platters.
- Items made from synthetics fibres.

are of limited suitability:

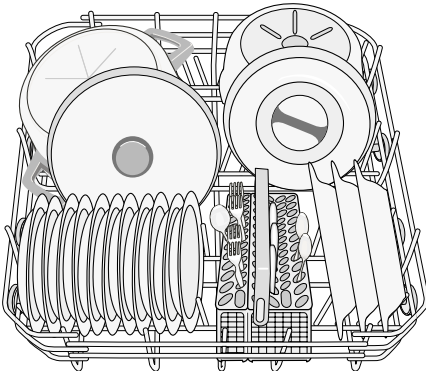
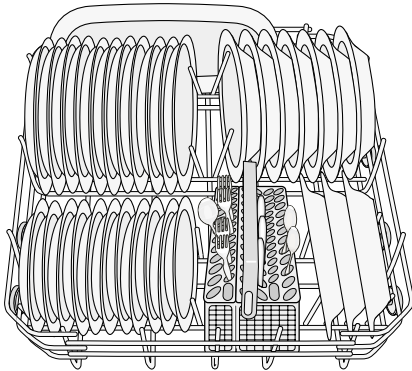
- Only wash stoneware in the dishwasher if it is specially marked as being dishwasher-safe by the manufacturer.
- Glazed patterns may fade if machine washed frequently.
- Silver and aluminium parts have a tendency to discolour during washing: Residues, e.g. egg white, egg yolk and mustard often cause discolouring and staining on silver. Therefore always clean left-overs from silver immediately, if it is not to be washed straight after use.

Open the door and slide out the baskets to load the dishes.

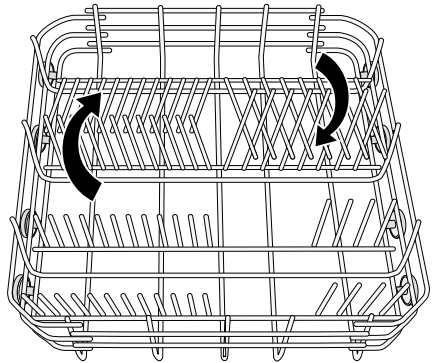
The lower basket

The lower basket is designed to take saucepans, lids, plates, salad bowls, cutlery etc.

Serving dishes and large lids should be arranged around the edge of the basket, ensuring that the spray arms can turn freely.



The two rows of prongs on the lower basket can be easily lowered to allow you to load pots, pans and bowls.



The cutlery basket



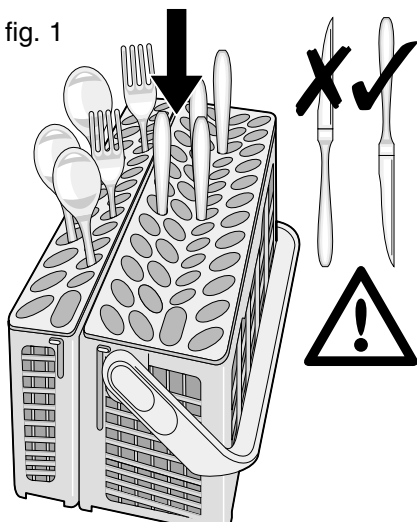
Long bladed knives stored in an upright position are a potential hazard.

Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.

Take care when loading or unloading sharp items such as knives.

Forks and spoons should be placed in the removable cutlery basket with the handles facing downwards and the knives with their handles facing upwards (fig.1).

fig. 1

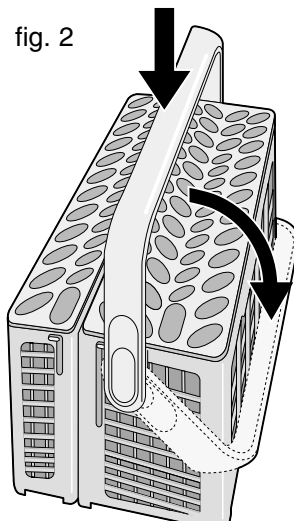


If the handles protrude from the bottom of the basket, obstructing the lower spray arm, load the cutlery with the handles facing upwards.

Mix spoons with other cutlery to prevent them from sticking together.

To make loading of the cutlery basket easier, lower the cutlery basket handle (fig.2).

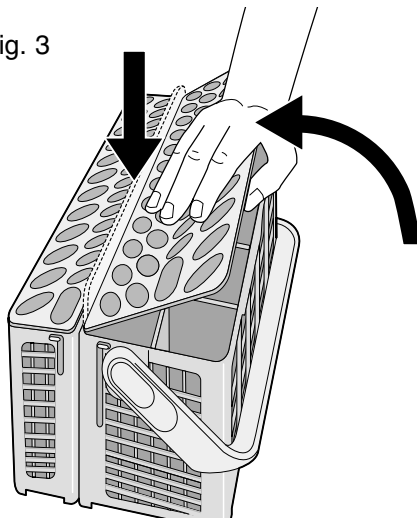
fig. 2



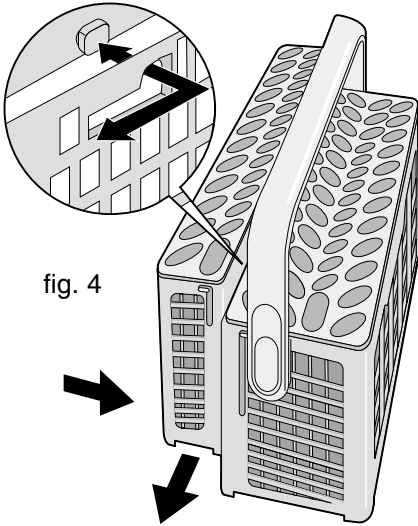
For best results we recommend that you use the cutlery grids.

If the size and dimensions of the cutlery do not allow the use of the grids, they can be easily hidden (fig. 3).

fig. 3



The cutlery basket is in two parts which can be separated to give greater loading flexibility. To separate the two parts, slide them horizontally in opposite directions and pull them apart (fig. 4).

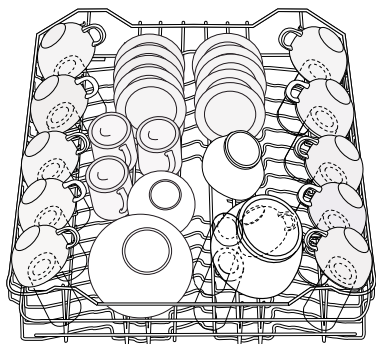


To reassemble, reverse the procedure.

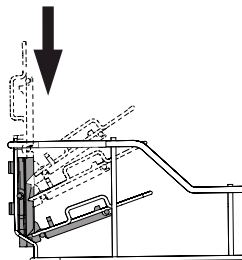
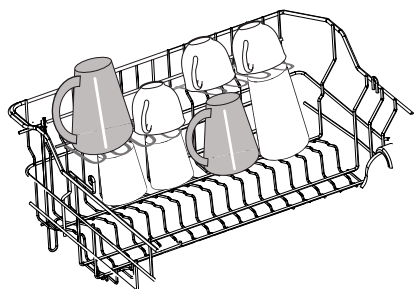
The upper basket

The upper basket is designed for saucers, salad bowls, cups, glasses, pots and lids.

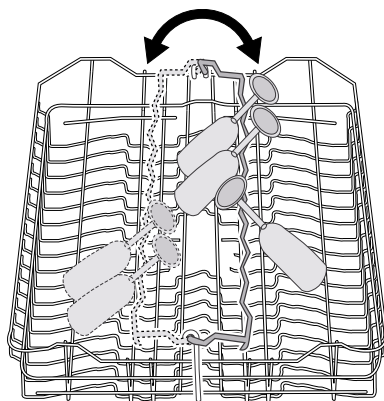
Arrange items on and underneath the cup racks so that water can reach all surfaces.



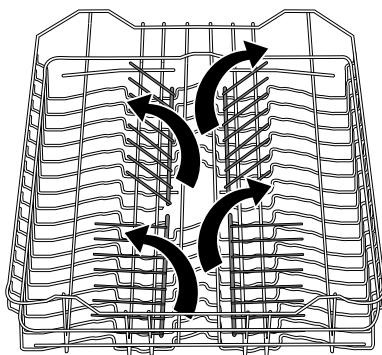
Glasses with long stems can be placed upside down in the cup racks. The cup racks can be adjusted in three different positions to improve loading flexibility.



For glasses with long stems (according to the size and dimensions), set the glass holder to the left or right position.



The central rows of prongs can be easily lowered to improve loading flexibility.



Before closing the door, ensure that the spray arms can rotate freely.

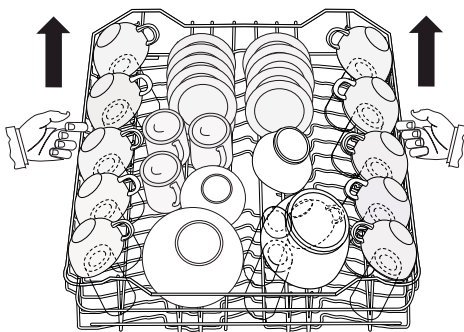
Adjusting the height of the upper basket

If washing very large plates you can load them in the lower basket after moving the upper basket to the higher position.

Maximum height of the dishes in the lower basket	
With upper basket raised	31 cm
With upper basket lowered	27 cm

To move to the higher position proceed as follows:

1. Pull out the basket until it stops.
2. Carefully lift both sides upwards until the mechanism is engaged and the basket is stable.



Never lift or lower the basket on one side only

With the upper basket raised we recommend to adjust the cup racks in the lowest position.



After loading your machine always close the door, as an open door can be a hazard.

To lower the basket to the original position proceed as follows:

1. Pull out the basket until it stops.
2. Carefully lift both sides upwards and then allow the mechanism to drop back down slowly, keeping hold of it.

Use of detergent



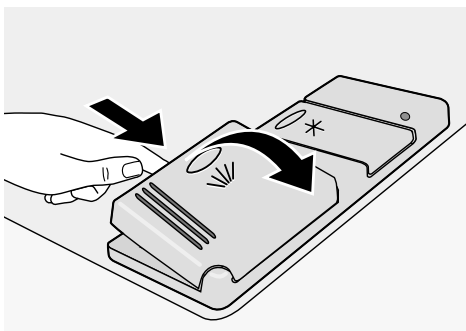
Only use detergents specifically designed for use in dishwashers.
Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.



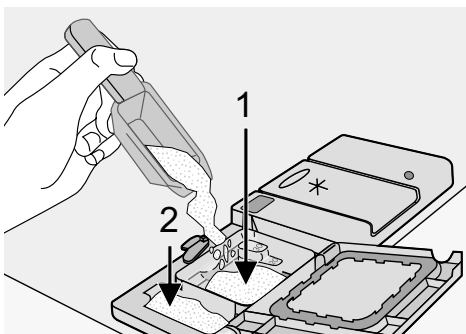
Using no more than the correct amount of detergent contributes to reducing pollution.

Fill with detergent

1. Open the lid.



2. Fill the detergent dispenser (1) with detergent. The marking indicates the dosing levels:

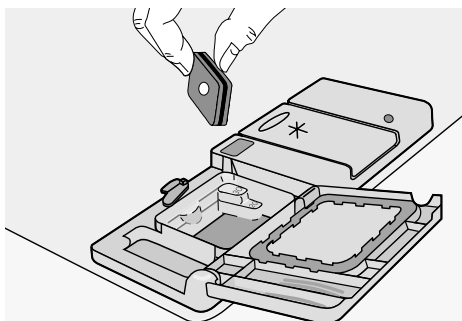


20 = approximately 20 g of detergent

30 = approximately 30 g of detergent

3. All programmes with prewash need an additional detergent dose (5/10 g) that must be placed in the prewash detergent chamber (2). This detergent will take effect during the prewash phase.

When using detergent tablets; place the tablet in compartment (1)



4. Close the lid and press until it locks in place.



Detergent tablets

Detergent tablets from different manufactures dissolve at different rates. For this reason, some detergent tablets do not attain their full cleaning power during short washing programmes. Therefore, please use long washing programmes when using detergent tablets, to ensure the complete removal of detergent residuals.

"3 in 1 function"

This appliance is equipped with the "3 in 1 function", that allows the use of the "3 in 1" combi detergent tablets.

These products are detergents with a combined cleaning, rinsing and salt functions. They can also contain other different agents depending on which kind of tablets you choose ("3 in 1", "4 in 1", "5 in 1" etc...)

Check whether these detergents are suitable for your water hardness. See the manufacturers instructions.

Once this function is selected it will remain active also for all following washing programmes.

With the selection of this function the inflow of rinse aid and salt from each respective supply container is automatically deactivated and also the displayed messages for salt and rinse aid are deactivated.

Select the "3 in 1 function" before the start of a washing programme.

With the use of the "3 in 1 function", the cycle durations may change. In this case, in the display, the indication of the time is automatically updated.

Once the programme is running, the "3 in 1 function" can **NO** longer be changed. If you want to exclude the "3 in 1 function" you have to cancel the programme setting and then deactivate the "3 in 1 function". In this case you have to set a washing programme (and desired options) again.



If the drying results are not satisfactory we recommend that you:

1. Fill up the rinse aid dispenser with rinse aid.
2. Activate the rinse aid dispenser.
3. Set the rinse aid dosage to position 2.
- The activation/deactivation of the rinse aid dispenser can only be possible with the "3 in 1 function" active.



If you decide to turn back to the use of the standard detergent system we advise that you:

1. Deactivate the "3 in 1" function.
2. Fill up the dispensers for salt and rinse aid again.
3. Adjust the water hardness setting to the highest setting and perform 1 normal washing programme without loading any dishes.
4. Adjust the water hardness setting according to the hardness of the water in your area.
5. Adjust the rinse aid dosage.

Set and start a washing programme

1. Check that the baskets have been loaded correctly and that the spray arms are free to rotate
2. Check that the water tap is opened
3. Press the **On/Off** button; the «light bar» illuminates.
4. Close the dishwasher door.



The last performed washing programme will be automatically selected.

5. Select the washing programme.
6. If required, postpone the start/end time of the washing programme.
7. Set, if required, available options.
8. Press the **Start** button to start the running of the programme.

If in this phase, one or both of the following messages are displayed:



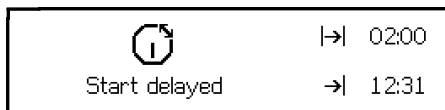
Remember to put salt in the special container



Remember to put rinse aid in the special container

it is anyway possible to carry out the washing programme by pressing the OK button .

If the delay start has been selected, the display will show the time duration and the end time of the programme.



Once the programme is running the display shows:

- the phases of the progress of the programme,
- updates the running time and the ending time of the programme.

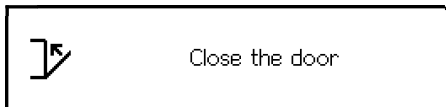


Interrupt or cancel a washing programme in progress ONLY if it's absolutely necessary.

Attention! Hot steam may escape when the door is opened. Open the door carefully.

Interrupt a washing programme in progress:

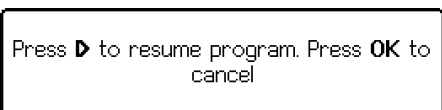
- Open the dishwasher door; the programme will stop. The following message is displayed.



Close the dishwasher door; the programme will continue from the point at which it was interrupted.

Cancel a washing programme in progress

- Press **Start** button, the following message is displayed.



By pressing **OK** the appliance returns to "menu setting".

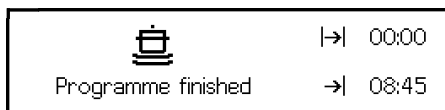


To cancel a delay start you must cancel the washing programme. Select the washing programme again.

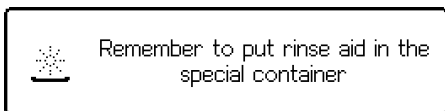
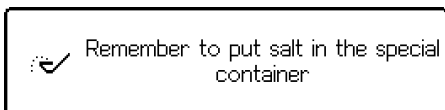
End of the washing programme

- The dishwasher will automatically stop.

The display shows



If the following messages are displayed,



and you decide to postpone the refilling of salt/rinse aid it is anyway possible to switch off the appliance.



The dishwasher's drying system is provided with a device that allows air to circulate inside the dishwasher to prevent residual steam recondensing on the dishes as water droplets.

Once the washing programme has ended **this device operates intermittently for other 20 minutes, as long as the dishwasher is switched on.**

If the On/Off button is pressed or the door is opened during these 20 minutes, the device will be automatically cancelled.

- Open the door and press the **On/Off** button. The «light bar» turns off.
- Leave the door ajar and wait a few minutes before removing the dishes; in this way they will be cooler and the drying will be improved..

Unloading the dishwasher

- Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down before removing from the appliance.
- Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one.
- Water may appear on the sides and the door of the dishwasher as the stainless steel will eventually become cooler than the dishes.



When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off.

Washing programmes

Programme	Degree of soil	Type of load	Programme description
70° Intensive	Heavy soil	Crockery, cutlery, pots and pans	Prewash Main wash up to 70°C 2 intermediate rinses Final rinse Drying
Automatic (1)	Normal soil	Crockery, cutlery, pots and pans	Prewash Main wash up to 45°C or 70°C 1 or 2 intermediate rinses Final rinse Drying
60° Quick (2)	Normal or light soil	Crockery and cutlery	Main wash up to 60°C Final rinse
55° Quick	Normal soil	Crockery and cutlery	Main wash up to 55°C 1 intermediate rinse Final rinse
50° Eco (3)	Normal soil	Crockery and cutlery	Prewash Main wash up to 50°C 1 intermediate rinse Final rinse Drying
45° Glass	Normal soil	Delicate crockery and glassware	Main wash up to 45°C 1 intermediate rinse Final rinse Drying
Plate Warmer («Extra rinse» option not available)	This is a programme both designed to heat plates before serving or remove dust from dishes which have not been used for a long time.		1 hot rinse This programme does not require the use of detergent
Prewash («Extra rinse» option not available)	Any. Partial load (to be completed later in the day).		1 cold rinse (to avoid food scraps from sticking together). This programme does not require the use of detergent.

Washing programmes information

- (1) During the "Automatic" washing programme the amount of soil on the dishes is determined by how cloudy the water is.
The programme duration, water and energy consumption levels can vary; this depends upon if the appliance is fully or partially loaded and if the dishes are lightly or heavily soiled. The temperature of the water is automatically adjusted between 45°C and 70°C.
- (2) Ideal for washing a partially loaded dishwasher. This is the perfect daily programme, made to meet the needs of a family of **4 persons** who only wish to load breakfast and dinner crockery and cutlery.
- (3) Test programme for test institutes.

Care and cleaning

Cleaning the filters

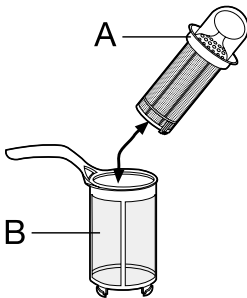
The filters must be checked and cleaned from time to time. Dirty filters will degrade the washing result.



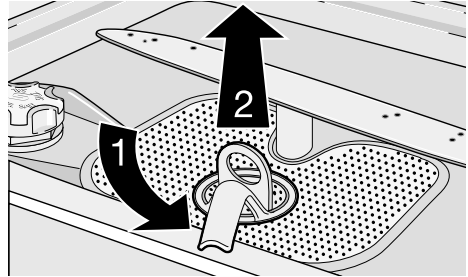
A displayed message will periodically appear to remind you to clean the filters.

Before cleaning the filters ensure that the machine is switched off.

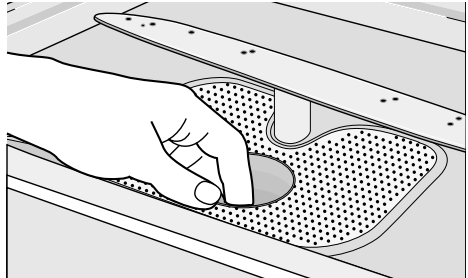
1. Open the door, remove the lower basket.
2. The dishwasher filter system comprises a coarse filter (A), a microfilter (B) and a flat filter. Unlock the filter system using the handle on the microfilter.



3. Turn the handle about $\frac{1}{4}$ a turn anticlockwise and remove the filter system.



4. Take hold of the coarse filter (A) by the handle with the hole and remove from the microfilter (B).
5. Clean all filters thoroughly under running water.
6. Remove the flat filter from the base of the washing compartment and clean both faces thoroughly.



7. Put the flat filter back in the base of the washing compartment and ensure that it fits perfectly.
8. Place the coarse filter (A) in the microfilter (B) and press together.
9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.



NEVER use the dishwasher without filters. Incorrect repositioning and fitting of the filters will produce poor washing results and may result in damage to the appliance.



NEVER try to remove the spray arms.

If residues of soil have clogged the holes in the spray arms, remove the debris with a cocktail stick.

External cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc....).

Internal cleaning

Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.

We recommend every 3 months to run the wash programme for heavy soiled dishes using detergent but without dishes.

Prolonged periods of non-operation

If you are not using the machine for any prolonged period of time you are advised to:

1. Unplug the appliance and then turn off the water.
2. Leave the door ajar to prevent the formation of any unpleasant smells.
3. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc....):

1. Unplug it.
2. Turn the water tap off.
3. Remove the water inlet and discharge hoses.
4. Pull the machine out together with the hoses.




Avoid over tilting the machine during transportation.

Something not working

The dishwasher will not start or stops during operation.

Certain problems are due to the lack of simple maintenance or oversights, which can be solved with the help of the indications described in the chart, without calling out an engineer.

Open the door and carry out the following suggested corrective actions.

Displayed message	Possible cause and solution
 <p>Attention: no intake of water possible. Please ensure the tap is not closed or blocked.</p>	<ul style="list-style-type: none"> • The water tap is blocked or furred with limescale. Clean the water tap. • The water tap is turned off. Turn the water tap on. • The filter (where present) in the threaded hose fitting at the water inlet valve is blocked. Clean the filter in the threaded hose. • The water inlet hose has not been correctly laid or it is bent or squashed. Check the water drain hose connection.
 <p>Attention: water is not draining. Please ensure the drain tube is not attached wrongly.</p>	<ul style="list-style-type: none"> • The sink spigot is blocked. Clean out the sink spigot. • The water drain hose has not been correctly laid or it is bent or squashed. Check the water drain hose connection.
 <p>Attention: The antiflood system has been activated.</p>	<ul style="list-style-type: none"> • Close the water tap and contact your local Service Force Centre.

Remember to switch off the appliance before carrying out any corrective action.

Malfunction	Possible cause and solution
The programme does not start	<ul style="list-style-type: none"> ● The dishwasher's door has not been properly closed. (Message «Close the door» displayed) Close the door. ● The main plug is not plugged in. Insert the main plug. ● The fuse has blown out in the household fuse box. Replace the fuse. ● Delay start has been set. If dishes are to be washed immediately, cancel the delay start.

Once these checks have been carried out; switch on the appliance and close the dishwasher door.

The programme will continue from the point at which it was interrupted.

If the message reappears in the display contact your local Service Force Centre.

For other messages not described in the chart, please contact your local Service Force Centre.

Contact your local Service Force Centre, quoting the model (Mod.), product number (PNC) and serial number (S.N.).

This information can be found on the rating plate located on the side of the dishwasher door.

So that you always have these numbers at hand, we recommend you to make a note of them here:

Mod. :

PNC :

S.N. :

The wash results are not satisfactory	
The dishes are not clean	<ul style="list-style-type: none"> ● The wrong washing programme has been selected. ● The dishes are arranged in such a way as to stop water reaching all parts of the surface. The baskets must not be overloaded. ● The spray arms do not rotate freely due to incorrect arrangement of the load. ● The filters in the base of the washing compartment are dirty or incorrectly positioned. ● Too little or no detergent has been used. ● Where there are limescales deposits on the dishes; the salt container is empty or the incorrect level of the water softener has been set. ● The drain hose connection is not correct. ● The salt container cap is not properly closed.
The dishes are wet and dull	<ul style="list-style-type: none"> ● Rinse aid was not used. ● The rinse aid dispenser is empty.
There are streaks, milky spots or a bluish coating on glasses and dishes	<ul style="list-style-type: none"> ● Decrease rinse aid dosing.
Water drops have dried onto glasses and dishes	<ul style="list-style-type: none"> ● Increase rinse aid dosing. ● The detergent may be the cause. Contact the detergent manufacturer's consumer care line.

If after all these checks, the problem persists, contact your local Service Force Centre.

Technical data

Dimensions	Width	59.6 cm
	Height	81.8 - 87.8 cm
	Depth	57.5 cm
Electrical connection Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the dishwasher's door	
Water supply pressure	Minimum	0.05 MPa (0.5 bar)
	Maximum	0.8 MPa (8 bar)
Capacity		12 place settings
Max. weight		43 kg
Noise level		43 dB (A)



Consumption values			
Programme	Programme duration (in minutes)	Energy consumption (in kWh)	Water consumption (in litres)
70° Intensive	*	1.8 - 2.0	23 - 25
Automatic	*	1.1 - 1.5	12 - 23
60° Quick	*	0.9	9
55° Quick	*	1.0 - 1.2	11 - 12
50° Energy (Test programme for test institutes)	*	1.05	14
45° Glass	*	0.8 - 0.9	14 - 15
Plate Warmer	*	0.8	4
Prewash	*	0.1	4

- * The programme duration is visible in the display when the washing programme is selected.



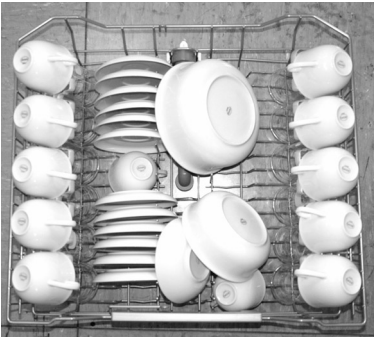
The consumption values are intended as a guide and depends on the pressure and the temperature of the water and also by the variations of the power supply and the amount of dishes.

Hints for test institutes

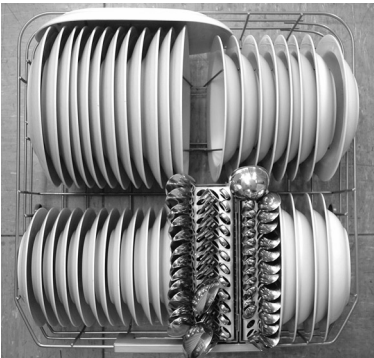
Testing in accordance with **EN 60704** must be carried out with appliance fully loaded and using the test programme (see "Consumption values").

Test in accordance with **EN 50242** must be carried out when the salt container and rinse aid dispenser have been filled with salt and rinse aid respectively and using the test programme (see "Consumption values").

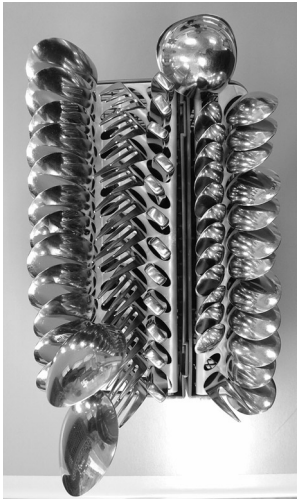
Full load: 12 standard place settings	
Amount of detergent required:	5 g + 25 g (Type B)
Rinse aid setting:	position 4 (Type III)



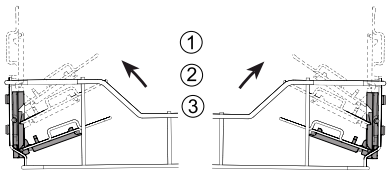
Arrangement upper basket
(take off the glass holder)



Arrangement lower basket



Arrangement cutlery
basket



Cup racks: position 2

Installation



Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person.

Remove all packaging before positioning the machine.

If possible, position the machine next to a water tap and a drain.

This dishwasher is designed to be fitted under a kitchen counter or worksurface.

Attention! Carefully follow the instructions on the enclosed template for building in the dishwasher and fitting the furniture panel.

No further openings for the venting of the dishwasher are required, but only to let the water fill and drain hose and power supply cable pass through.

The dishwasher incorporates adjustable feet to allow the adjustment of the height.

During all operations that involve accessibility to internal components the dishwasher has to be unplugged.

When inserting the machine, ensure that the water inlet hose, the drain hose and the supply cable are not kinked or squashed.

Fixing to the adjacent units

The dishwasher must be secured against tilting.

Therefore make sure that the counter it is fixed under, is suitably secured to a fixed structure (adjacent kitchen units cabinets, wall).

Levelling

Good levelling is essential for correct closure and sealing of the door.

When the appliance is correctly levelled, the door will not catch on either side of the cabinet.

If the door does not close correctly, loosen or tighten the adjustable feet until the machine is perfectly level.

Water supply connections

This dishwasher may be fed with either hot (max. 60°) or cold water. Nevertheless we advise you a cold water supply.

A hot water supply is not always efficient with very soiled crockery as it shortens the washing programmes a lot.

For making the connection itself, the coupling nut fitted to the machine's supply hose is designed to screw onto a 3/4" gas thread spout or to a purpose made quick-coupling tap such as the Press-block.

The water pressure must be within the limits given in the "Technical specifications". Your local Water Authority will advise you on the average mains pressure in your area.

The water inlet hose must not be kinked, crushed, or entangled when it is being connected.

The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation by means of the locknut.

The locknut must be correctly fitted to avoid water leaks.

(Attention! NOT all models of dishwashers have fill and drain hoses provided with a locknut. In this case, this facility is not available).

If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose.

DO NOT use connection hoses which have previously been used for an old appliance.



This appliance has been fitted with safety features which will prevent the water used in the appliance from returning back into the drinking water system. This appliance complies with the applicable plumbing regulations.

Water inlet hose with safety valve

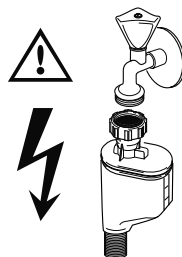
After connecting the double-walled water inlet hose, the safety valve is next to the tap. Therefore the water inlet hose is only under pressure while the water is running. If the water inlet hose starts to leak during this operation, the safety valve cuts off the running water.

Please take care when installing the water inlet hose:

- The electrical cable for the safety valve is in the double-walled water inlet hose. Do not immerse the water inlet hose or the safety valve in water.
- If water inlet hose or the safety valve is damaged, remove the mains plug immediately.
- A water inlet hose with safety valve must only be replaced by a specialist or by the Service Force Centre.



Warning!
Dangerous voltage



Water outlet hose connection

The end of the drain hose can be connected in the following ways:

1. To the sink outlet spigot, securing it to the underside of the work surface. This will prevent waste water from the sink running into the machine.
2. To a stand pipe provided with vent-hole, minimum internal diameter 4 cm.

The waste connection must be at a maximum height of 60 cm from the bottom of the dishwasher.

The drain hose can face either to the right or left of the dishwasher

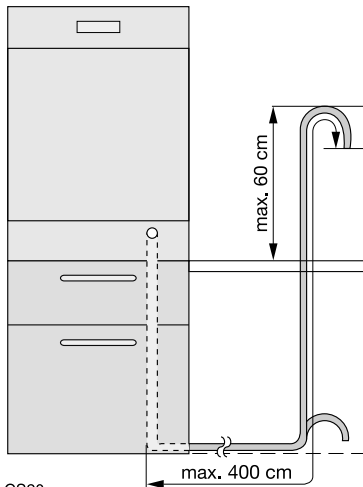
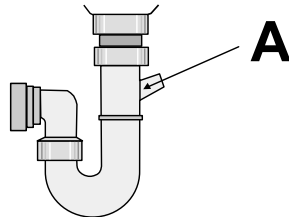
Ensure the hose is not bent or squashed as this could prevent or slow down the discharge of water.

The sink plug must not be in place when the machine is draining as this could cause the water to syphon back into the machine.

The total length of the drain hose, including any extension you might add, must be no longer than 4 metres. The internal diameter of the extension hose must be no smaller than the diameter of the hose provided.

Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.

When connecting the drain hose to an under sink trap spigot, **the entire plastic membrane (A) must be removed**. Failure to remove all the membrane will result in food particles building up over time eventually blocking the dishwasher drain hose spigot



CS20



Our appliances are supplied with a security device to protect against the return of dirty water back into the machine.

If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher. We therefore advise you to remove it.

Electrical connection



Safety standards require the appliance to be earthed.

Prior to using the appliance for the first time, ensure that the rated voltage and type of supply on the rating plate match that of the supply where the appliance is to be installed. The fuse rating is also to be found on the rating plate.

Always plug the mains plug into a correctly installed shockproof socket.

Multi-way plugs, connectors and extension cables must not be used. This could constitute a fire hazard through overheating.

If necessary, have the domestic wiring system socket replaced. In case that the electrical cable has to be replaced, contact your local Service Force centre.

The plug must be accessible after the appliance has been installed.

Never unplug the appliance by pulling on the cable. Always pull the plug.

The manufacturer accepts no liability for failure to observe the above safety precautions.

Environment concerns

Packaging material


The packaging materials are environmentally friendly and can be recycled. The plastic components are identified by markings, e.g. >PE<, >PS<, etc. Please dispose of the packaging materials in the appropriate container at the community waste disposal facilities.



When a unit is no longer being used:

- Pull the plug out of the socket.
- Cut off the cable and plug and dispose of them.
- Dispose of the door catch. This prevents children from trapping themselves inside and endangering their lives.

Old appliance

The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

Guarantee/Customer Service

Standard guarantee conditions

We, Electrolux, undertake that if within 12 months of the date of the purchase this Electrolux appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same **FREE OF CHARGE** for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
- Electrolux Service Force Centre must undertake all service work under this guarantee
- Any appliance or defective part replaced shall become the Company's property.
- This guarantee is in addition to your statutory and other legal rights.

Exclusions

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.

- Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the United Kingdom.
- Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements.
- Products of Electrolux manufacturer that are not marketed by Electrolux.

Service and Spare Parts

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact your local Service Force Centre by telephoning

0870 5 929 929

Your telephone call will be automatically routed to the Service Force Centre covering your postcode area.

For the address of your local Service Force Centre and further information about Service Force, please visit the website at

www.serviceforce.co.uk

Before calling out an engineer, please ensure you have read the details under the heading 'Something not working'

When you contact the Service Force Centre you will need to give the following details:

1. Your name, address and postcode.
2. Your telephone number.
3. Clear concise details of the fault.

4. The model and Serial number of the appliance (found on the rating plate).
5. The purchase date.

Please note a valid purchase receipt or guarantee documentation is required for in guarantee service calls.

Customer Care

For general enquiries concerning your Electrolux appliance, or for further information on Electrolux products please contact our Customer Care Department by letter or telephone at the address below or visit our website at **www.electrolux.co.uk**

Customer Care Department
Electrolux Major Appliances
Addington Way
Luton
Bedfordshire
LU4 9QQ

Tel: 08705 950 950 (*)

() Calls may be recorded for training purposes*

For Customer Service in The Republic of Ireland please contact us at the address below:

Electrolux Group (Irl) Ltd
Long Mile Road
Dublin 12
Republic of Ireland

Tel: + 353 (0)1 40 90 753

Email: service.eid@electrolux.ie




European guarantee

This appliance is guaranteed by Electrolux, in each of the countries listed in the following page, for the period specified in the appliance guarantee or otherwise by law. If you move from one of these countries to another of these countries the appliance guarantee will move with you subject to the following qualifications:

- The appliance guarantee starts from the date you first purchased the appliance which will be evidenced by production of a valid purchase document issued by seller of the appliance.
- The appliance guarantee is for the same period and to the same extent for labour and parts as exists in your country of residence for this particular model or range of appliances.
- The appliance guarantee is personal to the original purchaser of the appliance and cannot be transferred to another user.
- The appliance is installed and used in accordance with instructions issued by Electrolux and is only used within the home, i.e. is not used for commercial purposes.
- The appliance is installed in accordance with all relevant regulations in force within your new country of residence.

The provisions of this European Guarantee do not affect any of the rights granted to you by law.

www.electrolux.com

		
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Česká republika	+420 2 61 12 61 12	Budějovická 3, Praha 4, 140 21
Danmark	+45 70 11 74 00	Sjællandsgade 2, 7000 Fredericia
Deutschland	+49 180 32 26 622	Muggenhofer Str. 135, 90429 Nürnberg
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Hrvatska	+385 1 63 23 338	Slavonska avenija 3, 10000 Zagreb
Ireland	+353 1 40 90 753	Long Mile Road Dublin 12
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Luxembourg	+35 2 42 43 13 01	Rue de Bitbourg, 7, L-1273 Hamm
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Nederland	+31 17 24 68 300	Vennootsweg 1, 2404 CG - Alphen aan den Rijn
Norge	+47 81 5 30 222	Risløkkvn. 2, 0508 Oslo
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